



WAREHOUSE-LIGHTING.COM



Commercial Grade Solar Pedestrian LED Post Light with Morph Technology

Part #: WL229i

Instruction Manual

Version 1.1

 Please read the instruction manual carefully to obtain the best results from your purchase.

Thank you for your purchase! This solar charged lights are brighter and last all night with a typical solar charge. Unique design, superior light output and numerous installation options confirm the outstanding value of our product.

New Morph Technology

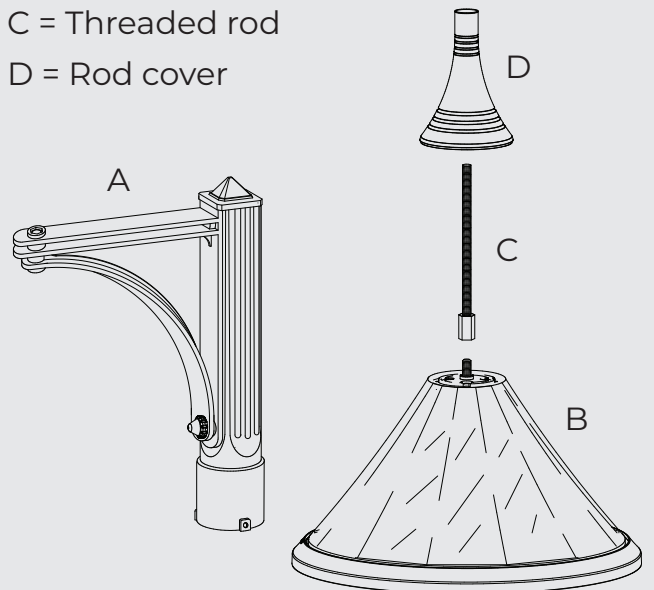
Our NEW Morph Solar Panel Technology is our ground-breaking process of capturing more power from the sun. Monocrystalline solar cells are molded to the surface of the lamp, “morphing” the lamp into a solar panel.

Solar Lamp Location

For optimum light duration throughout the night, it is very important to mount your solar lamp in a spot where it will receive the maximum amount of direct sunlight throughout the day.

What's in the Box

- A = Arm assembly
- B = Lamp head
- C = Threaded rod
- D = Rod cover

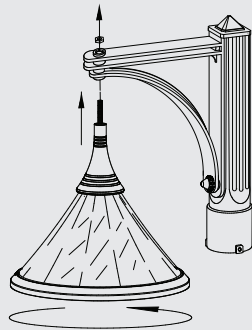


For best results, the solar light must be charged in the “ON” position (High or Low) for at least 2 days of full direct sunlight.

Assembly Instructions

SINGLE LAMP HEAD

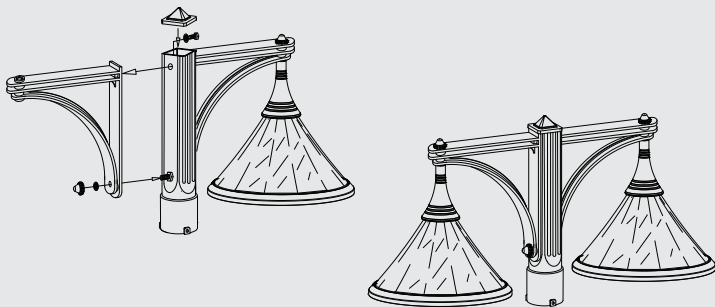
- Secure the threaded rod (C) to the lamp head (B) by screwing it in clockwise and tighten with a wrench. (Do not overtighten).
- Remove the screw cap, nut, and lock washer from the threaded rod (C).
- Slide the rod cover (D) over the threaded rod (C).
- Slide the threaded rod through the hole in the arm assembly (A) and secure using the nut.
NOTE: The nut needs to fit into the relief cut of the arm assembly. Once in there, spin the lamp head (B) clockwise until the lamp head is securely fastened to the arm assembly (A).
- Place the lock washer and cap nut on top of the threaded rod and tighten.
- Place the arm assembly (A) over a 3" pole and secure by tightening the four set screws.
- Follow the Operation Instructions to turn the lamp on.



DOUBLE LAMP HEAD

(requires purchase of an additional lamp)

- Remove the four screws holding the cap on to the top of both arm assemblies (A).
- On one of the assemblies, remove the bolt and lock washer from the inside using an open end or socket wrench.
- Also remove the cap nut and lock washer on the outside and separate the arm from the center support.
- On the other assembly, remove the plug at the top from the inside by pushing it out.
- Remove the cap nut and spacer piece.
- Install the arm removed from the first assembly onto the center support of the second one and secure from the outside using the lock washer and cap nut.
- Secure from the inside using the lock washer and bolt and tighten with a wrench.
- Reinstall the cap with the four screws on top of the arm assembly (A).
- Install the lamp heads utilizing the instructions above for "SINGLE LAMP HEAD" and repeat for both sides.



Operation Instructions

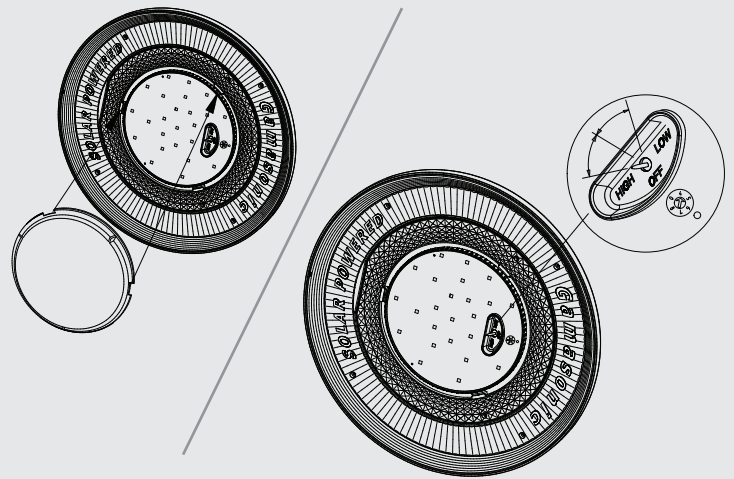
(follow these instructions for each lamp head)

Turning the lamp on

- Remove the cover over the LED's by twisting counter clockwise.
- Move the operation switch to one of the options below based on your desired performance:
 - Low = Softer light, longer duration
 - High = brighter light output

Timer Switch

- Using a small flathead screwdriver, turn the arrow to one of the following settings:
 - 0 = Dusk to Dawn operation
 - 4,5,6,7,8 = The number of hours the lamp will operate from Dusk.
- If a number other than 0 is selected, the lamp will operate for that many hours from dusk and will then turn off for the remainder of the night.
- Re-attach the cover and twist clockwise to secure.
- Your lamp will operate automatically at dusk.



Replacement Parts

Your lamp uses two of the following battery:

GS32V12A



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New Berlin, WI 53151

Warehouse-Lighting.com

Phone: 888-454-4480

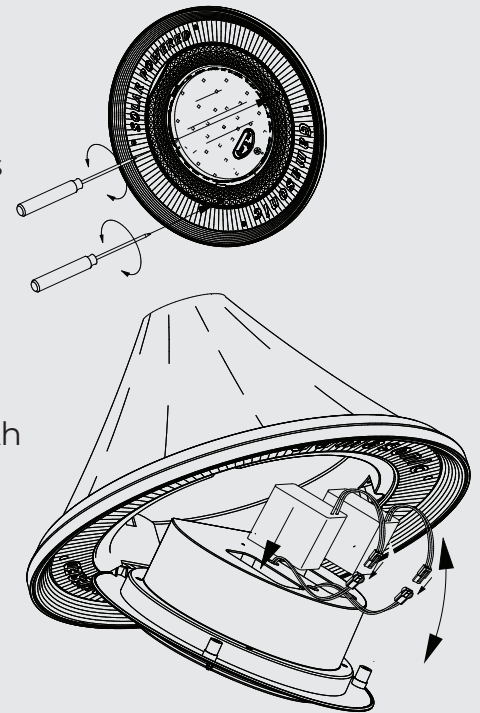
info@warehouse-lighting.com



Replacing the Batteries

(each lamp head has its own set of batteries)

1. Remove the cover over the LEDs by twisting counter clockwise.
2. Move the operation switch to OFF.
3. Loosen the two screws closest to the LED panel (the screws will pull out slightly when loose but do not fully remove).
4. The Led Panel will drop down and open the battery compartment.
5. Unclip the old batteries and remove them from the compartment.
6. Make sure the new batteries are high quality Li-Ion 3.2V 12Ah batteries with a matching connector (part# GS32V12A).
7. Clip in the new batteries and secure them in the compartment.
8. Reinstall the LED panel and turn the lamp back on by reversing steps 1-3.



Maintenance

Clean the solar panels regularly with a damp towel to guarantee optimum performance. Do not use any type of solvent for cleaning and be careful not to put too much pressure on the solar panels while cleaning.

Troubleshooting

If your solar light does not come on as expected despite observance of all the instructions, please try the following steps:

1. Make sure that the solar lamp is not being affected by any other light source.
2. Ensure the solar lamp is not positioned in the shade during the day.
3. Check that the batteries are installed correctly.



NOTE: The performance of the solar lamp will vary with the time of year. It will last longer when it has had a full day in the sun rather than a day in overcast weather.



WINTERTIME TIPS: For optimal performance, be sure to remove any snow or debris accumulation from solar panel(s). A solar panel free of debris will charge the batteries much more efficiently.

WARNING: Please keep out of reach of children. Do not dispose of the Li-Ion battery in the regular trash, municipal waste stream or by fire as batteries may leak or explode. Do not open, short circuit, or mutilate batteries as injury may occur. Preserve our environment by recycling Li-Ion batteries or disposing of them in accordance with local, State and federal regulations. Do not mix old and new batteries.



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